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(54) Title: ANTIBODIES TO THE FUEL OXYGENATE MTBE AND USE THEREOF IN IMMUNOASSAYS

(57) Abstract: Immunoassay of methyl tert-butyl ether (MTBE) and related fuel oxygenates and their breakdown products is performed using a monoclonal antibody produced using a hapten with a CH₃-O-C(CH₃)₂-CH₂-moiety, preferably CH₃-O-C(CH₃)₂-(CH₂)₃-CH(CH₃)-CH₂-CHO conjugated to a carrier protein.

WO 2005/003176 A1